

QP6P-052-11-TEU-TED-1-S

# POWER/SIGNAL COMBO CABLE 6QP SERIES

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?6QP](http://www.samtec.com?6QP)

### Signal Cable:

**Cable Type:**  
38 AWG 50Ω coax  
**Current Rating:**  
300 mA max  
**Capacitance:**  
96.79 pF/meter (nominal)  
**Inductance:**  
.230 mH/meter (nominal)  
**Propagation Delay:**  
4.79 nS/meter

### Power Cable:

**Cable Type:**  
26 AWG 20Ω coax  
**Current Rating:**  
4A  
**Capacitance:**  
239 pF/meter (nominal)  
**Inductance:**  
.092 mH/meter (nominal)  
**Propagation Delay:**  
4.79 nS/meter

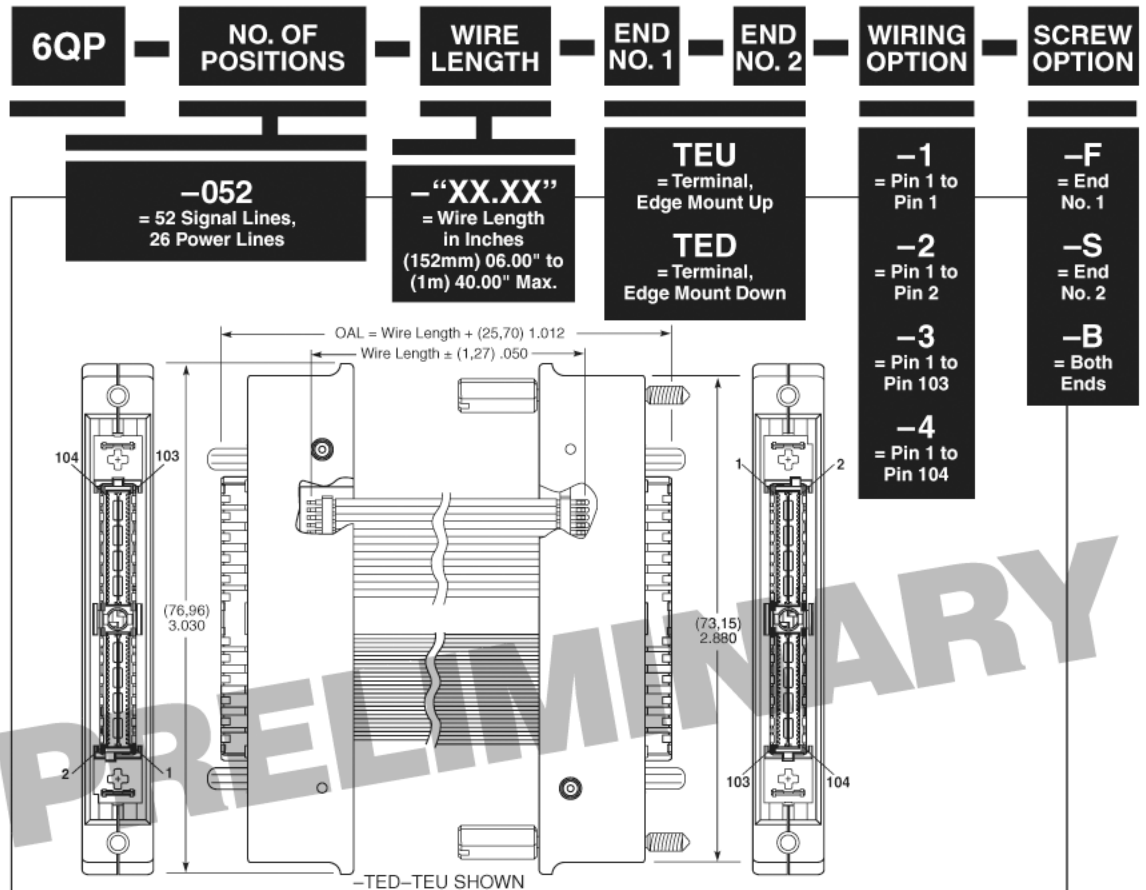
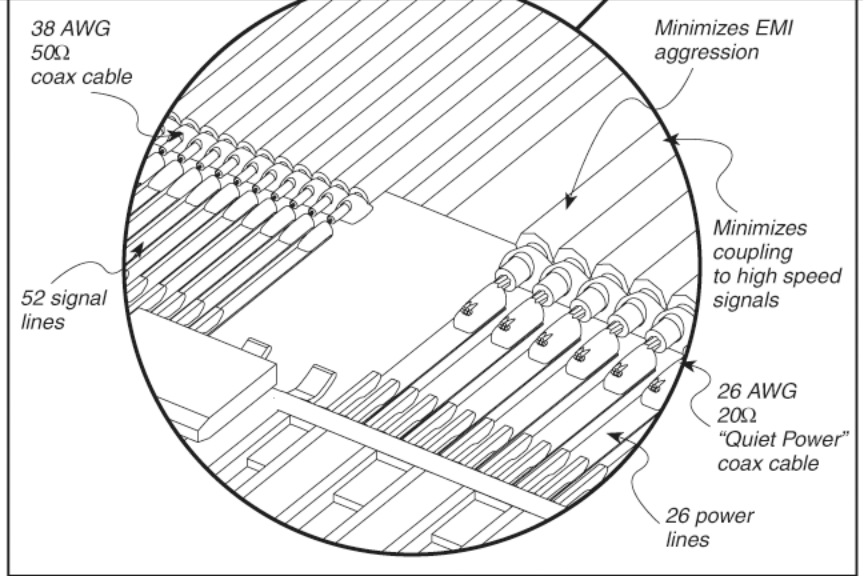
### Connector:

**Insulator Material:**  
Liquid Crystal Polymer  
**Terminal & Ground Plane Material:**  
Phosphor Bronze  
**Plating:**  
Au aver 50μ" (1,27μm) Ni

### Assembly:

**Voltage Rating:**  
300 VAC mated with QFS  
**Operating Temp:**  
-55°C to +105°C  
**RoHs Compliant:**  
Yes

Mates with:  
QFS-GP, QFS-EM,  
QFS-RA



**Note:**  
Verify part number and correct wiring scheme with Samtec's Interactive Cable Builder at [www.samtec.com/cable\\_builder/pitch.asp](http://www.samtec.com/cable_builder/pitch.asp)

**Note:**  
This Series is non-standard, non-returnable.

Due to technical progress, all designs, specifications and components are subject to change without notice.

WWW.SAMTEC.COM